



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 8336

Bib Data Sheet

| | | | | |
|-----------------------------|---------------------------------------|--------------|------------------------|----------------------------------|
| SERIAL NUMBER 10/630,116 | FILING DATE 07/30/2003 RULE | CLASS 365 | GROUP ART UNIT 2818 | ATTORNEY DOCKET NO. 5649-1103 |
|-----------------------------|---------------------------------------|--------------|------------------------|----------------------------------|

APPLICANTS

Jae-Woo Im, Gyeonggi-do, KOREA, REPUBLIC OF;

Young-ho Lim, Gyeonggi-do, KOREA, REPUBLIC OF;

** CONTINUING DATA

None / 1st

** FOREIGN APPLICATIONS

Yes / 1st

REPUBLIC OF KOREA 10-2002-0055290 09/12/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 10/28/2003

| | | | | |
|---|-----------------------|---------|--------|-------------|
| Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | STATE OR | SHEETS | TOTAL | INDEPENDENT |
| 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance | COUNTRY | DRAWING | CLAIMS | CLAIMS |
| Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials | KOREA, REPUBLIC OF | 7 | 41 | 6 |

ADDRESS

20792
 MYERS BIGEL SIBLEY & SAJOVEC
 PO BOX 37428
 RALEIGH, NC
 27627

TITLE

Dedicated redundancy circuits for different operations in a flash memory device and methods of operating the same

| | | |
|------------------------------------|---|--|
| FILING FEE RECEIVED 1510 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) |
|------------------------------------|---|--|